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APPLICATION NO.	FII	JING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/786,567	02/25/2004		Masahiko Ando	83388.0017	2527
26021	7590	01/09/2006	EXAMINER		INER
HOGAN &	HARTSO	ON L.L.P.	PRENTY, MARK V		
500 S. GRAND AVENUE SUITE 1900				ART UNIT	PAPER NUMBER
LOS ANGEI		90071-2611	2822		
				DATE MAILED: 01/09/2006	

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)						
	10/786,567	ANDO ET AL.						
Office Action Summary	Examiner	Art Unit						
	MARK PRENTY	2822						
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with the c	orrespondence address						
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period v. - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from , cause the application to become ABANDONED	J. ely filed the mailing date of this communication. D (35 U.S.C. § 133).						
Status								
1) Responsive to communication(s) filed on 19 O	ctober 2005.							
, , ,	action is non-final.							
3) Since this application is in condition for allowar	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is							
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.								
Disposition of Claims								
4)⊠ Claim(s) <u>1-8 and 11-13</u> is/are pending in the application.								
4a) Of the above claim(s) is/are withdrawn from consideration.								
5) Claim(s) is/are allowed.								
6)⊠ Claim(s) <u>1</u> is/are rejected.								
7)⊠ Claim(s) <u>2-8 and 11-13</u> is/are objected to.								
8) Claim(s) are subject to restriction and/or	r election requirement.							
Application Papers								
9) The specification is objected to by the Examine	r.							
10)⊠ The drawing(s) filed on <u>25 February 2004</u> is/are: a)□ accepted or b)⊠ objected to by the Examiner.								
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).								
Replacement drawing sheet(s) including the correct	, , , ,							
11) The oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form PTO-152.						
Priority under 35 U.S.C. § 119								
12)⊠ Acknowledgment is made of a claim for foreign a)⊠ All b)□ Some * c)□ None of:	priority under 35 U.S.C. § 119(a)	-(d) or (f).						
1. Certified copies of the priority documents have been received.								
2. Certified copies of the priority documents have been received in Application No								
3. ☐ Copies of the certified copies of the prior		d in this National Stage						
application from the International Bureau	• • • • • • • • • • • • • • • • • • • •							
* See the attached detailed Office action for a list	of the certified copies not receive	d.						
March manufa)								
Attachment(s) Notice of References Cited (PTO-892)	4) Interview Summary	(PT∩.413)						
2) D Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Da	te						
B) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>February 25, 2004</u> .	5) Notice of Informal Pa	atent Application (PTO-152)						

Application/Control Number: 10/786,567

Art Unit: 2822

This Office Action is in response to the response filed on October 19, 2005.

Applicant's election without traverse of claims 1-8 and 11-13 is acknowledged.

Fig. 11(2) is objected to because its A-A' cross-sectional view is incorrect in showing four pieces of liquid-repellent film 4 (only two pieces should be shown, one in each of that view's two halves, as per Fig. 11(2)'s plan view). Correction is required.

Fig. 11(3) is objected to because its A-A' cross-sectional view's right-side half incorrectly shows electrode 5 between two pieces of liquid-repellent film 4 (electrode 5 should be on a middle portion of a single, continuous piece of liquid-repellent film 4, <u>as per Fig. 11(3) of this application's foreign priority document</u>). Correction is required.

Claims 11-13 are objected to because "the <u>photosensitive</u> liquid-repellent film" lacks antecedent basis in claims 1-5. Correction is required.

Claim 1 is rejected under 35 U.S.C. 102(e) as being anticipated by United States

Patent Application Publication 2004/0129978 to Hirai.

As to independent claim 1, Hirai discloses (see the entire reference, including the Fig. 3 disclosure, for example) an electrode substrate comprising a substrate 1, a lower electrode 2, an insulating film 2a having a liquid-repellent region (under layer 6) and a liquid-attracting region (not under layer 6) on a surface thereof and an upper electrode 4/5, wherein the lower electrode, the insulating film and the upper electrode are layered in this order on the substrate; wherein a pattern shape of the lower electrode generally matches with that of the liquid-repellent region on the surface of the insulating film; and wherein the upper electrode is formed mainly on the liquid-attracting region excluding

Application/Control Number: 10/786,567

Art Unit: 2822

the liquid-repellent region on the surface of the insulating film, such that the pattern shape of the upper electrode is a self-aligned shape in which the pattern shape of the lower electrode is generally reversed.

Claim 1 is thus rejected under 35 U.S.C. 102(e) as being anticipated by Hirai.

Applicant cannot rely upon the foreign priority papers to overcome this rejection because a translation of said papers has not been made of record in accordance with 37 CFR 1.55. See MPEP § 201.15.

Claims 2-8 are objected to as being dependent upon a rejected base claim, but would be allowable over the prior art of record if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The prior art of record does not disclose or suggest the allowable devices taken as a whole, including the liquid-repellent and liquid-attracting regions.

United States Patent 6,828,582 is relevant to this application.

Registered practitioners can telephone the examiner at (571) 272-1843. Any voicemail message left for the examiner must include the name and registration number of the registered practitioner calling, and the Application/Control (Serial) Number. Technology Center 2800's general telephone number is (571) 272-2800.

Mark V. Prenty

Page 3